

# Itasca County Timber Appraisal Report

<b>Appraised By:</b> Casey Dabrowski <b>Appraisal Date:</b> 08/27/2019	<b>Sale Type:</b> INTERMEDIATE AUCTION <b>Auction Date:</b> 12/10/2019	<b>Appraisal Number:</b> 19-02-14 <b>Permit Number:</b> <b>Expiration Date:</b> 03/01/2022 <b>Page:</b> 1 of 3
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**Legal Description**

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>City/Twp</u>	<u>Subd</u>		
10-210-3400	10	62	24	Carpenter	SE SW		
10-210-4000	10	62	24	Carpenter	SE 1/4		
<u>Block 1 Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>	<u>Bid</u>
Aspen	464	Cords	\$26.00	\$12,064.00	5-11", 3-5 st, Good.	0	^
Red Pine	12	Cords	\$43.00	\$516.00	12-23", 5-8 st, Good. 60% saw.	30	#
Paper Birch	8	Cords	\$9.00	\$72.00	7-9", 3-5 st, Poor.	0	#
Balsam Fir	8	Cords	\$15.00	\$120.00	5-12", 3-5 st, Poor.	0	#
Spruce	4	Cords	\$20.00	\$80.00	10-18", 4-7 st, Fair.	35	#
				\$12,852.00	<b>Subtotal</b>		
<b>Total Cords =</b>	496		<b>Total MBF: 0</b>	\$12,852.00	<b>Total</b>		

Bid Symbols: ^ = Bid Species; # = Non-Bid Species; + = Sold Area Estimate; \* = Sold Area Estimate & Non-Bid Species  
All species woodsrun unless listed otherwise.

**Species Scaled:** Aspen, Balsam Fir, Paper Birch, Red Pine, Spruce

**Species SAE:**

<b>Operability:</b>	Summer: Dry soil conditions: 7/15 - 10/1, Winter: Frozen soil conditions: 12/1 - 3/1	<b>Soil Type:</b>	Nashwauk fine sandy loam
<b>Topography:</b>	Level to rolling	<b>Cutting Acres:</b>	16.2

All permits must follow Itasca County Forest Management Guidelines and Specifications (can be found at <http://www.co.itasca.mn.us/DocumentCenter/View/567/Forest-Management-Guidelines-and-Specifications> ).

**Harvest Specifications**

Comments
Harvest type: aspen clearcut with reserves.

Harvest and Reserves
Harvest: Cut all non-reserved timber, including trees marked with spiral slashes (//).
Reserve: birch and balsam under 7", maple under 5", all oak and ash, and existing patches of regeneration.
Trees marked with "R" are to be reserved for wildlife and as seed trees.

Access
0 miles to public road Co Rd 523.

Landings and Access Roads
Existing roads and landings will be reused.
Trails and landings need to be rehabilitated to a satisfactory condition before performance bond is returned.
Timber sale administrator shall be notified at least 3 working days prior to completion of hauling and road work. This provides adequate time for permit area inspection and addressing of permit compliance requirements before hauling and road work equipment is removed.

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### Cutting, Felling, and Skidding

Do not damage reserve trees.  
Do not fell timber into wetlands or across sale boundaries.  
Sale boundaries painted with orange lines (I I I) and ownership boundaries painted with orange circles (O O O).  
For summer chance, soil must be DRY before equipment operation is permitted on site.

### Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50' of all wetlands.  
Reserve all non-merchantable timber within 15ft of all wetlands.

### Slash Disposal

Slash must be evenly distributed throughout permit area.  
A 10 ft. wide slash free zone must be maintained along roads and trails.  
Slash height must not exceed 3 ft. within view of road.

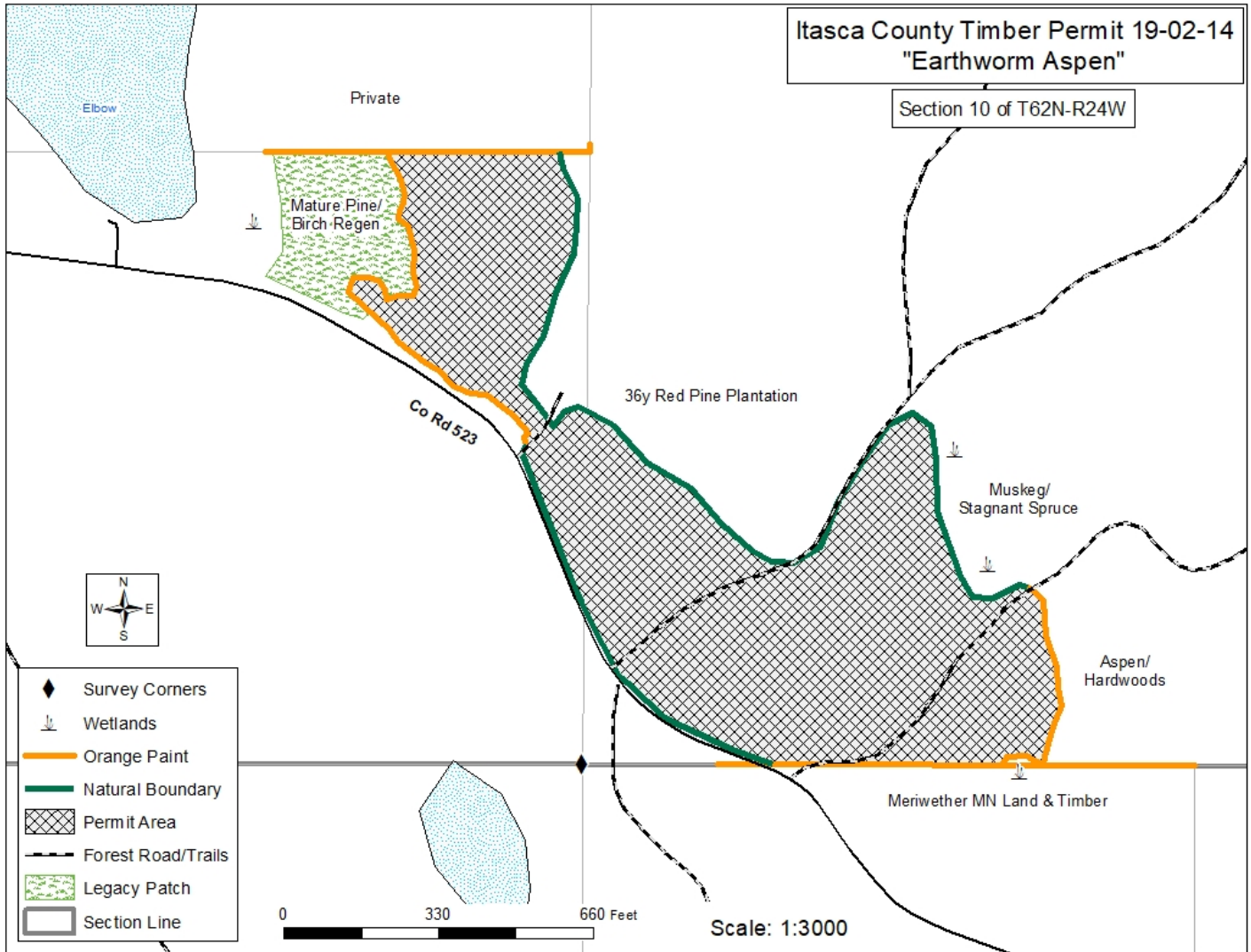
### Regeneration Plan

Natural regeneration to aspen.

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**Site Map:**



Appraisal examined and approved by \_\_\_\_\_  
Forester Date

Appraisal examined and approved by \_\_\_\_\_  
Land Department Date